

AMENDMENTS**In the claims**

This listing of the claims will replace all prior versions, and listings, of the claims in the present application

Claims listing

1. (Currently Amended) A cleaning composition comprising:

- a) a surfactant system,
- b) an oxidoreductase with an α/β -hydrolase fold and a catalytic triad consisting of the amino acid residues serine, histidine and aspartic acid,
- c) a hydrogen peroxide source, and
- d) an organic acid

~~wherein said composition further comprises an additional bleaching system, said additional bleaching system selected from the group consisting of enzymatic bleach systems, metallo catalyst based bleach systems and combinations thereof;~~
~~further wherein said metallo catalyst is a transition metal complex of a macropolycyclic rigid ligand.~~

Deleted: wherein said composition comprises a pH of from 7.6 to 12.7

27. (Original) A cleaning composition according to claim 1 wherein said oxidoreductase is present at a level of from about 0.0001% to about 2% pure enzyme by weight of total composition.

28. (Original) A cleaning composition according to claim 27 wherein said oxidoreductase is present at a level of from about 0.001% to about 1% pure enzyme by weight of total composition.

29. (Original) A cleaning composition according to claim 28 wherein said oxidoreductase is present at a level of from about 0.005% to about 0.1% pure enzyme by weight of total composition.

30. (Currently Amended) A cleaning composition according to claim 1 wherein said oxidoreductase is a non-heme haloperoxidase obtained from the strain *Serratia marcescens*.

Deleted: and characterized by enzymatic activity in a range of from about 10% to about 40%, in a pH range of from about 7 to about 12

31. (Original) A cleaning composition according to claim 1 wherein the organic acid is comprised at a level of from 0.1% to 50% by weight of total composition.

32. (Previously Presented) A cleaning composition according to claim 1 wherein the organic acid is comprised at a level of from 0.5% to 40% by weight of total composition.

33. (Previously Presented) A cleaning composition according to claim 1 wherein the organic acid is comprised at a level of from 1% to 20% by weight of total composition.
34. (Original) A cleaning composition according to claim 1 wherein said organic acid is a monocarboxylic acid of the formula $RnH(n+1)COOH$ wherein $n = 1-18$.
35. (Original) A cleaning composition according to claim 34 wherein said organic acid is a monocarboxylic acid of the formula $RnH(n+1)COOH$ wherein $n = 2-14$.
36. (Original) A cleaning composition according to claim 35 wherein said organic acid is a monocarboxylic acid of the formula $RnH(n+1)COOH$ wherein $n = 2-9$.
37. (Previously Presented) A cleaning composition according to claim 34 wherein said organic acid is selected from the group consisting of acetic acid, propionic acid, nonanoic acid, lauric acid, their corresponding sodium salts and mixtures thereof.
38. (Original) A cleaning composition according to claim 1 wherein said hydrogen peroxide source generates hydrogen peroxide in the wash solution at a level of from about 0.0001 - about 10 mmol/L.
39. (Original) A cleaning composition according to claim 38 wherein said hydrogen peroxide source generates hydrogen peroxide in the wash solution at a level of from about 0.0001 - about 2 mmol/L.
40. (Original) A cleaning composition according to claim 39 wherein said hydrogen peroxide source generates hydrogen peroxide in the wash solution at a level of from about 0.0001 - about 0.3 mmol/L.
41. (Previously Presented) A cleaning composition according to claim 38 wherein said level of hydrogen peroxide are maintained with a controlled releasing system.
42. (Previously Presented) A cleaning composition according to claim 1 wherein said hydrogen peroxide source is selected from the group consisting of perborate, percarbonate and mixtures thereof.
43. (Original) A cleaning composition according to claim 1 wherein said hydrogen peroxide source is an enzymatic hydrogen peroxide generating system.
44. (Previously Presented) A cleaning composition according to claim 1 wherein said hydrogen peroxide source is selected from the group consisting of a glucose/glucose oxidase, a lactate/lactate oxidase system, and mixtures thereof.

45. (Original) A cleaning composition according to claim 1 further comprising a detergent enzyme.

46. (Currently Amended) A cleaning composition according to claim 45 wherein said detergent enzyme is selected from the group consisting of cellulase, lipase, protease, amylase and mixtures thereof.

Deleted: claim 47

47. (Original) A cleaning composition according to claim 1 further comprising another bleach system.

48. (Original) A cleaning composition according to claim 47 wherein said bleach system is a conventional activated bleach system.

49. (Previously Presented) A cleaning composition according to claim 48 wherein the bleaching agent is selected from the group consisting of perborate, percarbonate and mixtures thereof and the activator selected from the group consisting of tetraacetylenediamine, nonanoyloxybenzenesulfonate, 3-5-trimethylhexanotoxybenzenesulfonate, and mixtures thereof.

50. (Cancelled)

51. (Cancelled)

52. (Cancelled)

53. (Cancelled)

54. (Original) A cleaning composition according to claim 1 wherein said oxidoreductase is alkaline.

55. (Original) A cleaning composition according to claim 1 which is in the form of an additive.

56. (Currently Amended) A fabric softening composition comprising

- a) a surfactant system comprising a cationic surfactant comprising two long chain lengths,
- b) an oxidoreductase with an α/β -hydrolase fold and a catalytic triad consisting of the amino acid residues serine, histidine and aspartic acid,
- c) a hydrogen peroxide source and
- d) an organic acid

Deleted: wherein said composition comprises a pH of from 7.5 to 12.7